

Date: Wed, 25 May 94 18:39:50 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #575  
To: Info-Hams

Info-Hams Digest                      Wed, 25 May 94                      Volume 94 : Issue    575

Today's Topics:

    Attention OZ - need info on Coastwatcher radios  
    Auction Notice and Filing Requirements for 900 MHz PCS  
        Converting an old HT-220 to 2M  
            DOWN 20  
            DX, dx and calculus  
                IDing  
            Micor manual wanted  
            RFI ON PANASONIC VCR  
        Site to look up frequenciencies  
            SSB Filters  
            US QSL MANAGERS

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Wed, 25 May 1994 16:51:49 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-1.peachnet.edu!news.duke.edu!convex!  
seas.smu.edu!vivaldi!rsd0!usenet@network.ucsd.edu  
Subject: Attention OZ - need info on Coastwatcher radios  
To: info-hams@ucsd.edu

In article <cleveland.1120207922J@gold> cleveland@gvg47.gvg.tek.com (Grover  
Cleveland) writes:

>I would like to obtain photographs, technical descriptions,  
>schematics, and stories of their use. Are any of these sets  
>preserved anywhere. Are any available?

Sure. All us OFs use'em for FD.

dave

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=====
Dave Rogers                      Internet:  dave@rsd.dl.nec.com
M & R Software, Inc.             CIS:    76672,2455
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In the absence of leadership, we have decided to follow ourselves.

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Date: 26 May 94 01:02:15 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Auction Notice and Filing Requirements for 900 MHz PCS  
To: info-hams@ucsd.edu

Auction Note - Legal announcement from the Federal Communications Commission

Date: Tue, 24 May 1994 17:02:38 -0400 (EDT)  
From: Bob Keller <rjk@telcomlaw.com>  
Subject: Auction Notice and Filing Requirements for 900 MHz PCS

COMMON CARRIER PUBLIC MOBILE SERVICES INFORMATION

AUCTION NOTICE AND FILING REQUIREMENTS FOR  
TEN NATIONWIDE LICENSES FOR PERSONAL COMMUNICATIONS SERVICES  
IN THE 900 MHZ BAND

Report No. AUC-94-01, Auction No. 1      May 23, 1994

The Federal Communications Commission ("FCC") plans to hold a simultaneous multiple round auction for ten nationwide Personal Communications Service (PCS) licenses in the 900 MHz band ("narrowband PCS"). The auction will begin at 10:00 A.M. on Monday, July 25, 1994. Bidding will begin at 9:00 A.M and end at 6:00 P.M. each day thereafter until bidding has closed on all licenses. The auction will be held in the Blue Room at the Omni Shoreham Hotel at 2500 Calvert Street, N.W. Washington D.C., Telephone number (202) 234-0700. Those wishing to participate in the auction must submit an FCC Form 175 in accordance with the Commission's rules and the instructions in this Public Notice. The FCC Form 175 must be received on or before 5:30 P.M. EDT, Friday, July 1, 1994. Applicants are also required to submit a upfront payment of \$350,000 per license (in U.S. dollars) for the maximum number of licenses on which they expect to bid in any single round. The upfront payment must be by wire transfer or cashier's check payable to the Federal Communications Commission or

"FCC" and must be received on or before 3:00 P.M. EDT on Monday, July 11, 1994. Limited space will be available at the auction for members of the public to observe the auction.

## 1. Summary of Licenses to be Auctioned

The following table lists by market number and frequency block number the 10 nationwide narrowband PCS licenses grouped by category of license. All ten licenses will be auctioned simultaneously:

### (1) Five 50 kHz channels, each paired with another 50 kHz channel:

Market No. N-1, Frequency Block No. 1:  
940.00-940.05 and 901.00-901.05 MHz;  
Market No. N-2, Frequency Block No. 2:  
940.05-940.10 and 901.05-901.10 MHz;  
Market No. N-3, Frequency Block No. 3:  
940.10-940.15 and 901.10-901.15 MHz;  
Market No. N-4, Frequency Block No. 4:  
940.15-940.20 and 901.15-901.20 MHz; and,  
Market No. N-5, Frequency Block No. 5:  
940.20-940.25 and 901.20-901.25 MHz.\*\*

### (2) Three 50 kHz channels, each paired with another 12.5 kHz channel:

Market No. N-6, Frequency Block No. 6:  
930.40-930.45 and 901.7500-901.7625 MHz;  
Market No. N-7, Frequency Block No. 7:  
930.45-930.50 and 901.7625-901.7750 MHz; and,  
Market No. N-8, Frequency Block No. 8:  
930.50-930.55 and 901.7750-901.7875 MHz;\*\*

### (3) Two 50 kHz unpaired channels:

Market No. N-10, Frequency Block No. 10:  
940.80-940.85 MHz.  
Market No. N-11, Frequency Block No. 11:  
940.85-940.90 MHz,\*\*

Please note that Market No. N-9, Frequency Block No. 9: 940.75-940.80 MHz will not be offered at the auction. The market numbers and frequency block numbers outlined above should be used in filling out FCC Form 175, discussed more fully below. Businesses owned by women and/or minorities will be eligible for a 25 percent bidding credit on all licenses designated by an (\*\*) above. See Third Report and Order at paras. 72-80.

## 2. Procedures, Terms and Conditions

The auction will be conducted by Tradewinds International, Inc. and Cantor Fitzgerald Securities, Inc. Prospective bidders must thoroughly familiarize themselves with the procedures, terms and conditions (collectively, "Terms"), contained in the Second Report and Order in PP Docket No. 93-253, FCC 94-61, released April 20, 1994, and the Third Report and Order in PP Docket No. 93-253, FCC 94-98, released May 10, 1994. Copies of the Second Report and Order are available for a fee from International Transcription Services, Inc. at (202) 857-3800. A copy of the Third Report and Order will be included in the Bidder Information Package ("Bidder Package") described below. The Terms contained in the Commission Reports and Orders and in the Bidder Package are not negotiable. Prospective bidders should review these auction documents thoroughly prior to the auction to make certain that they understand all of the provisions and are willing to be bound by all of the Terms before making any bid.

### 3. Bidder Package

The Bidder Package (as amended and supplemented from time to time) may be obtained by prospective bidders by contacting Tradewinds International, Inc. at General Aviation Terminal, No. 7 Thomas Avenue, Washington National Airport, Washington, D.C., 20001, telephone number (202) 637-3221, facsimile number (202) 637-3222. The business hours of Tradewinds International, Inc. are Monday through Friday 9:00 A.M. to 6:00 P.M., EDT.

The Bidder Package will contain the following information:

- (1) A list of licenses to be offered simultaneously;
- (2) The procedures, terms and conditions of the auction;
- (3) A copy of the Third Report and Order in PP Docket No. 93-253, FCC 94-98;
- (4) An Application Form to participate in an FCC auction ("FCC Form 175" and "175S" or "Short-Form") including instructions on filling out the form and a sample of a completed Form 175;
- (5) An FCC Remittance Advice (FCC Form 159) to be submitted by bidders together with their upfront payment, down payment and final payment (described below);
- (6) Wire transfer instructions;
- (7) An application for a narrowband PCS license (FCC Form 401 or "Long-Form" application) to be submitted by winning bidders only; and

(8) Other general auction information.

#### 4. Short Form Application (FCC Form 175)

In order to be eligible to bid in the auction bidders must submit an application for one or more narrowband PCS licenses on FCC Form 175 prior to the auction in compliance with applicable FCC Rules and Regulations and with the requirements set forth below. Only the person or persons identified on FCC Form 175 as qualified to make a bid will be permitted to bid at the auction. The FCC Form 175 may be submitted anytime after the release of this Public Notice but must be received no later than 5:30 P.M. EDT, Friday, July 1, 1994. Certain information necessary to complete FCC Form 175, such as market numbers and frequency block numbers for nationwide narrowband PCS licenses as well as the Auction No., may be found at the top of this Public Notice.

##### Completion of Form 175

Applicants are required to complete all the items on the application. The applicant must also identify all parties to the application, including members of bidding consortia, joint ventures or any other agreements, arrangements or understandings relating to the auction or post-auction market structure. In completing FCC Form 175, bidders should note the following:

1. In item 6 of FCC Form 175, Auction No., applicants should enter "1".
2. Item 7 requires applicants to make up a ten digit FCC Account Number, a personal identification number that the Commission will use to identify and track applications. Applicants have two options to create this FCC Account Number. Option 1- an applicant may use its taxpayer identification number (TIN) with a prefix of "0", i.e., 0123456789. Option 2- an applicant may use its ten digit telephone number (i.e., 5552345678). Each applicant should use this same number when submitting additional information/material regarding its application, including any required fees submitted to the Commission on FCC Remittance Advice, (i.e. use the same number for the Form 175 and the FCC Account Number on FCC Form 159). This number must be used whenever an applicant writes, calls, or otherwise inquires about its application. Applicants will also need this number to register for the auction.
3. Items 9 and 10 will be used to determine whether the applicant is claiming a preference in the bidding process. As discussed more fully in the Third Report and Order, certain preferential measures are available to small businesses and businesses owned by members of

minority groups and/or women. Applicants claiming a preference should refer to Section 1.2110 of the Commission's Rules (47 C.F.R. sec. 1.2110) for definitions and eligibility requirements applicable to small businesses and businesses owned by women and minorities. See also Third Report and Order at paras. 66-90.

4. In Item 11, applicants should identify the market number for each narrowband PCS license they want to bid on. The market number for each license is listed above. Applicants should list the market numbers for each license they are interested in bidding on in the first column labeled "Market No." If applicants want to bid on more than five markets, they should list each additional market number on FCC Form 175-S. For the Frequency Block No. in item 11, applicants should indicate the frequency block numbers associated with each license they expect to bid on at the auction.

5. In item 12, applicants should list the name(s) of a person(s) authorized to represent them at the auction. Only one bidding number per applicant will be assigned.

6. Applicants should read the "Certifications" listed on the FCC Form 175 carefully before signing the application. These certifications help to ensure a fair and competitive auction and require, among other things, disclosure to the Commission of certain information on applicant ownership and agreements or arrangements concerning the auction. Submission of a false certification to the Commission may result in penalties, including monetary forfeitures, license revocation(s), being barred from future auctions, and/or criminal prosecution.

The Commission has established a Help Line to assist applicants in filling FCC Form 175. That number is (202) 637-3221. Applicants may call the Help Line for assistance Monday through Friday from 9:00 A.M. to 6:00 P.M. EDT.

Microfiche copies of the FCC Form 175 or 175-S are not required.

Failure to sign the FCC Form 175 will result in dismissal of the application and inability to participate in the auction.

Where to Send the FCC Form 175:

In order to be eligible to bid, an FCC Form 175 application must be received by 5:30 P.M., EDT on Friday, July 1, 1994. Late applications will not be accepted. Applications should be submitted either by hand delivery, certified U.S. mail (return receipt requested) or sent by private courier. Whether mailed, hand delivered or sent by private courier, applications must be addressed to:

Tradewinds International, Inc.  
General Aviation Terminal  
No. 7 Thomas Avenue  
Washington National Airport  
Washington, D.C., 20001  
Attention: Narrowband PCS Processing

Applications will not be accepted if delivered to any other location.

#### 5. Application Fee:

No application fee or FCC Form 159 need accompany the FCC Form 175 for the auction.

#### 6. Procedures after FCC Form 175 Applications are filed.

After the deadline for filing FCC Form 175 applications has passed, the Commission will process all applications to determine whether they are accepted for filing. The Commission will issue a Public Notice listing all applications which are accepted for filing, rejected, and those which have minor defects that may be corrected. The Public Notice will also announce the deadline for filing corrected applications. As described more fully in the Commission's general auction rules, applicants may only make minor corrections to their FCC Form 175 applications. Applicants will not be permitted to make major modifications such as changes in ownership to their applications. Failure to sign an FCC Form 175 cannot be corrected and will cause the application to be dismissed and the applicant to be ineligible to participate in the auction. See Section 1.2105 of the Commission's Rules. 47 C.F.R. sec. 1.2105.

After the deadline for resubmitting corrected applications the Commission will release another Public Notice announcing all applications that have been accepted for filing, including applicants who have corrected defective applications.

#### 7. Upfront Payments

In order to be eligible to bid at the auction, applicants must submit an upfront payment together with an FCC Form 159 to the Mellon Bank. The upfront payment is \$350,000 per license for the maximum number of license on which an applicant expects to bid in any single round of bidding. Payment must be made in U.S. dollars and must be received by 3:00 P.M. EDT, Monday, July 11, 1994, in accordance with the terms and procedures set forth below and the Commission's Rules. The upfront payment may be submitted by wire transfer or cashier's check payable to the "Federal Communications Commission" or "FCC." Wire

transfer instructions and the delivery address will be provided in the Bidder Package. Check(s) must be drawn on a bank whose deposits are insured by the Federal Deposit Insurance Corporation (FDIC). An applicant intending to bid on more than one nationwide narrowband license must submit an upfront payment of \$350,000 per license for the maximum number of licenses on which it intends to bid in any single round of bidding. The upfront payment submitted by each applicant will define the maximum number of licenses on which the applicant will be permitted to bid in any single round of bidding.

Narrowband PCS licensees will be permitted to aggregate up to three licenses. An applicant may apply for every license on its Form 175, but its actual bidding in any round will be limited to the number of licenses covered by the amount of its upfront payment.

No later than seven (7) business days before the auction the Commission will issue a Public Notice announcing all qualified bidders for the nationwide narrowband PCS auction. Qualified bidders are those whose Form 175 applications have been accepted for filing and who have timely submitted their upfront payment.

#### 8. Registration

All qualified bidders or their designated representatives identified on Form 175 will be required to register for the auction. Registration will be held from 1:00 P.M. to 9:00 P.M. on Sunday, July 24, 1994 and from 8:00 A.M. to 9:30 A.M. on Monday July 25, 1994 at the Omni Shoreham Hotel at 2500 Calvert Street, N.W., Washington, D.C. A confidential bidder number will be assigned to each qualified bidder at registration. Further information regarding registration will be provided in the Bidder Package. All bidders will be required to bring two forms of identification, one form of photo identification (e.g., a valid drivers license or passport) and one additional form of identification.

#### 9. Method of Competitive Bidding

The winning bidders for the nationwide narrowband PCS licenses will be selected through a simultaneous multiple round auction. Bids will be accepted on all licenses in each round of the auction. High bid amounts will be posted at the end of each round of bidding. Bidding will remain open on all licenses until bidding closes on every license. Thus, bidding will stop simultaneously on all licenses.

#### Bid Submission and Withdrawal Procedures

All bidders or their representatives are required to be present at the auction site in order to place their bids. Each bidder will be



required to provide its confidential bidder number and FCC account number in order to place or withdraw a bid. Bids will be placed with bid assistants on site who will input the bids into the auction database. All accepted bids for each license and the minimum bid increment for the next round will be announced at the conclusion of each bidding round. Bidders will have no less than one hour after accepted bids are posted to place their bids for the next round. A high bidder who wants to withdraw its high bid during the course of the auction may do so subject to the bid withdrawal penalty specified in the Third Report and Order at paras. 49-59. A high bidder who wants to withdraw its high bid should notify a bid assistant as soon as possible after its bid is posted as the high bid. If a high bid is withdrawn, the license will be offered in the next round at the second high bid price.

#### Bid Increments

The bid increment is the amount or percentage by which a bid must be raised above the previous high bid in order to be accepted as a valid bid in the current round. The minimum bid in the first round of bidding will be \$.02 per pop per MHz (rounded down to the nearest \$25,000). The bid increment in subsequent rounds will be \$.01 per pop per MHz (rounded down to the nearest \$25,000) or 5% of the previous high bid, whichever is greater. The amount of the minimum bid increment may be reduced in later rounds as the number of active bidders declines. The amount of the minimum bid increment for each license will be announced along with the accepted bids from the preceding round. The following table shows the amounts of the minimum bid increment for each category of license:

License Category	Minimum Bid Increment	
	In the First Round	After First Round*
50/50 kHz paired licenses	\$500,000	\$250,000
50/12.5 kHz paired licenses	\$300,000	\$150,000
50 kHz unpaired licenses	\$250,000	\$125,000

\*(or 5% of the previous high bid, whichever is greater)

#### Activity Rule

In order to ensure that the auction closes within a reasonable period of time, we will impose an activity rule to prevent bidders from waiting until the end of the auction before participating. Because of the relatively small number of licenses being offered in this auction we will impose a simplified version of the Milgrom-Wilson activity rule (discussed in the Third Report and Order at paras. 37-40). During the first stage of the auction bidders will be required to be

active on at least one license in every round of bidding. A bidder will be considered active on a license if it either is the high bidder from the previous round or submits a bid which exceeds the previous round's high bid by at least the amount of the minimum bid increment. Bidders will be permitted five automatic waivers from the activity rule during the course of the auction. A bidder must notify a bid assistant of its intent to exercise one or more of its waivers at the time such bidder submits its next bid. Bidders in the first stage of the auction who fall below the required activity level and who have used all five of the automatic waivers will have their eligibility reduced to 0 and will not be eligible to bid in future rounds. See Third Report and Order at paras. 36-40. To speed up the auction the Commission may declare at any time after 15 rounds have passed that the auction will move into a final stage, with an increased activity level. If the Commission declares such an additional stage, bidders would be required to be active on the maximum number of licenses they desire to be awarded. In the final stage, bidders would have their eligibility reduced to the number of licenses on which they are active, unless they invoke an automatic waiver or waivers, in which case they would retain their current eligibility.

#### Stopping Rules

Bidding will remain open on all licenses until bidding stops on every license. The auction will close if one round passes with no new acceptable bids on any license. Thus, bidding will stop for all nationwide licenses simultaneously. The Commission, however, may declare at any time after 20 rounds that the auction will end after one additional round (or some other specified number of rounds).

#### Bid Withdrawal, Default or Disqualification Penalty

Any high bidder who withdraws a high bid in any round, defaults by failing to remit the required 20% down payment within the prescribed time or is disqualified after bidding is declared closed will be subject to a penalty described in Section 24.304 of the Commission's Rules. 47 C.F.R. sec. 24.304

#### Down Payment and Final Payment

The winning bidder for each license must submit sufficient additional funds (a "down payment") to bring the amount of money on deposit with the government to 20% of their winning bid amount within five (5) business days after bidding is declared closed. Winning bidders that are qualified small businesses are required to submit only a 10% down payment within five (5) business days after bidding is closed, with an additional 10% due within five (5) business days after grant of the license. No interest will be paid on any funds on deposit with the

Commission.

10. Long-Form Application (FCC Form 401)

As detailed in the narrowband PCS and general auction rules, winning bidders must timely submit a properly completed FCC application for a narrowband PCS license (FCC Form 401) within ten (10) business days after being notified that they are the winning bidder. The Form 401 must be sent to:

Office of the Secretary  
Federal Communications Commission  
1919 M St., N.W., Room 222  
Washington, D.C. 20554  
Attention: Auction Application Processing Section

After submission of the FCC Form 401, the Commission will determine whether there are any reasons why the license should not be granted; if there are none, it will grant the license. Winning bidders will be required to pay the remainder of the winning bid amount within five (5) business days after grant of the license. Qualified small businesses will be permitted to pay the remaining 80% of their winning bid amount in installments over the term of the license. See Third Report and Order at paras. 86-90. All license grants will be conditioned on timely payment in full of the bid price.

11. Delay, Suspension or Cancellation of the Auction

The Commission may by Public Notice or announcement during the auction, delay, suspend or cancel the auction in the event of natural disaster, technical obstacle, evidence of an auction security breach, unlawful bidding activity, administrative necessity, or for any other reason that affects the fair and competitive conduct of competitive bidding. In such cases, the Commission may, in its sole discretion, resume the auction starting from the beginning of the current or some previous round or may cancel the auction in its entirety.

-FCC-

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Bob Keller <KY3R>                      Robert J. Keller, P.C.                      Tel +1 301 229 5208  
rjk@telcomlaw.com                      Federal Telecommunications Law                      Fax +1 301 229 6875  
finger me for daily FCC info + see ftp.clark.net:/pub/rjk/ for other files

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Date: Wed, 25 May 1994 20:33:49 GMT

From: ihnp4.ucsd.edu!swrinde!sgiblab!gatekeeper.us.oracle.com!oracle!unreliable!  
bounce@network.ucsd.edu  
Subject: Converting an old HT-220 to 2M  
To: info-hams@ucsd.edu

I have a Motorola Ht-220 Type CC3540 Serial # L06K2D Model H33FFN1100E.  
It transmits and Receives on 163.5375 MHz. It has a 15 Volt NiCad. It is  
crystal controlled. I would like to convert this to 2 meter. Does anyone  
know how I can do this? I should be able to swap out crystals, shouldn't I?

The numbers on the crystals (as best as I can tell) are:

xmit: 18170.8  
rcv: 48912.50

What do these numbers mean and how are they related to the transmit  
and receive freqs? There is also a "PL Reed" that I will probably need. What  
is this? Motorola wants \$90 I DON'T THINK SO!. I'd like to substitute with  
something a little less pricey.

Last (and least?) I need a charger for the Ni-CAD. I'd like to build  
it myself. Any plans out there?

I live in Columbus Ohio but I travel extensively. I will soon be in  
the Detroit Michigan area, anyone up there that can help me? Please respond  
via email as my access to news is erratic.

My email address is:

dmarsh@oracle.us.com

So many questions, so few answers.

Doug N8TUT

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Date: Wed, 25 May 1994 14:04:57 -0500  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!vixen.cso.uiuc.edu!moe.ksu.ksu.edu!usenet.uc.twsu.edu!  
mwreed@network.ucsd.edu  
Subject: DOWN 20  
To: info-hams@ucsd.edu

Regarding 35MHz in the United States, its still being used by Public Safety  
Agencies around the country (for a while longer at least). Remote control  
aircraft would be authorized within the 30-40MHz band. Try 27MHz or 50MHz  
CB or Ham. If its low-power transmitter (100mW), shouldn't be to much of  
a problem, but there would be no protection from harmful interference, and

if the transmitter is causing interference the transmission would have to cease immediately.

[This is not a legal opinion, mileage may vary, consult with local guru]  
[for more defined determination of legality of use ..... ]

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Date: 25 May 1994 20:10:32 GMT  
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!gerald.cc.utexas.edu!astro.as.utexas.edu!  
oo7@network.ucsd.edu  
Subject: DX, dx and calculus  
To: info-hams@ucsd.edu

teacherjh@aol.com (Teacherjh, KD1SB) points out:

>In article <wb6wCqC0py.Eox@netcom.com>, wb6w@netcom.com (Glenn  
>Thomas) writes:

>>> I always thought that "dx" had its origins in the Calculus of  
Libnitz ...

>That would be ironic, since dy and dx are infinitessimals.... the  
>teeny-tiniest distance imaginable.

Although it should make perfect sense to people who talk about  
"a quantum leap in technology", which to me means the smallest  
possible change, but which has somehow come to mean "an enormous  
change" to some people.

Derek Wills (AA5BT, G3NMX)  
Department of Astronomy, University of Texas,  
Austin TX 78712. (512-471-1392)  
oo7@astro.as.utexas.edu

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Date: 24 May 1994 16:18:57 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!sol.ctr.columbia.edu!  
usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!news@network.ucsd.edu  
Subject: IDing  
To: info-hams@ucsd.edu

To the whole bunch of people..

As I listen to emergency nets and participate in amateurs assisting  
various  
special event holding groups in the area, it's easy to see that

hams must really like the sound of their call letters. It's not uncommon for one to give his call two or three times in one 30-second transmission.

This is extremely inefficient and time consuming. Once per 10 minutes is all that's required and all that's needed in most cases. When operating under emergency conditions, efficiency of operation is essential.

Here's the way it usually sounds. These are all fake calls. (I think). (NCS is IM4IU).

IM4IU: AZ9FCC, this is IM4IU.

AZ9FCC: IM4IU, AZ9FCC. Go ahead.

IM4IU: AZ9FCC, IM4IU. Call H730M with the information. IM4IU out.

AZ9FCC: Roger IM4IU, AZ9FCC. H730M, this is AZ9FCC. How copy?

H730M: AZ9FCC, this is H730M. I copy okay, pass your traffic. H730M, over.

AZ9FCC: This is AZ9FCC. The Race coordinator wants you to let him know when number 45 passes your checkpoint. H730M, AZ9FCC.

H730M: AZ9FCC this is H730M. Roger. I'll pass the info along. Back to net control. IM4IU this is H730M.

IM4IU: H730M this is IM4IU. Good job, thanks. This is IM4IU for I. D.  
...and on and on and on and on and on...

A much better way to do this is to call the net members by their first names

or by a number or by their position along the course (or equivalent). This is known as using "tactical callsigns". For example: "Red Cross this is Community Hospital". Then the NCS can remind each station to ID on ten-minute intervals.

Another bad habit is "This is AR1RL for ID". Does anyone know why people say this? Also there seems to be a growing trend to say call letters instead of saying "over" or "go ahead". Some amateurs say their call letters at the end of each transmission.

Use of Q signals on phone doesn't make much sense either. Better to use

JUST PLAIN ENGLISH, or whatever you speak wherever you live. It takes more effort and time to say "QSL" than "roger". Also, if you say "What is your QTH?", what you are saying is "What is your what is your QTH?".

Finally, every amateur should learn the standard phonetics and use them no more than necessary.

K9CUN thus is KILO NINE CHARLEY UNIFORM NOVEMBER, not KNEECAP NINE CIPHER UNDERWEAR NOODLEHEAD.

The habits an amateur acquires when not participating in net operation will undoubtedly carry over to those times when quickness and efficiency are of utmost importance.

73 es cu1 de K9CUN (for ID!)

DERRY@ROSEVC.ROSE-HULMAN.EDU

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Date: Wed, 25 May 1994 20:29:13 GMT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!news.umbc.edu!eff!news.kei.com!ddsw1!chinet!drx@network.ucsd.edu  
Subject: Micor manual wanted  
To: info-hams@ucsd.edu

The subject says it all. I'm looking for a Micor service/tune-up etc manual. I'm thinking of picking up a few radio's at an upcoming ham fest.

Thnks,  
scott  
N9JKN

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Scott Whittle (drx)

drx@chinet.chi.il.us

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Date: 25 May 94 16:26:33 EDT  
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!jobone!lynx.unm.edu!pacs.sunbelt.net!DDEPEW%CHM.TEC.SC.US@network.ucsd.edu  
Subject: RFI ON PANASONIC VCR  
To: info-hams@ucsd.edu

I wanted to let you know a "fix" for RFI on older model VCR's. We were encountering RFI only when a videotape was playing -- it was not coming through the tuner, the coax cables, etc. -- so I isolated the pickup and detection around the video head. Using a tip from ARRL's RFI notes (available via their info server)

I installed a ferrite choke between the head and the rest of the unit. Fortunately, there was enough "slack" in the wires so that I could make one turn around a piece of junkbox ferrite I salvaged from a TV yoke. Taped it in place and asked my kids to check it out while dad transmitted. Voila! The problem was gone. This was an older model Panasonic vcr but it should work on others...if there's room. Now if I can just figure out a way to fix my cordless phone!

Hope this helps somebody.

73

Dorr Depew  
N4QIX

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Date: 22 May 94 03:53:02 GMT  
From: sgigate.sgi.com!sgiblab!sdd.hp.com!caen!msuinfo!uwm.edu!news.moneng.mei.com!  
howland.reston.ans.net!news.ans.net!newstf01.cr1.aol.com!search01.news.aol.com!  
not-for-mail@RUTGERS.EDU  
Subject: Site to look up frequenciies  
To: info-hams@ucsd.edu

In article <1994May20.053507.12168@ccc.amdahl.com>,  
dws30@p1dbg02.amdahl.com (David Sharpe) writes:

I am also interested in the ftp or site to look up frequencies for  
scanners  
Please inform me of newgroup or ftp...  
Thanks

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Date: 25 May 1994 20:16:53 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!math.ohio-state.edu!  
jussieu.fr!univ-lyon1.fr!elendir@network.ucsd.edu  
Subject: SSB Filters  
To: info-hams@ucsd.edu

Hello !



I'm (still) planning to build a multimode multibander (VHF/UHF) rig.  
In the course of designing the SSB part, I am of course facing the  
problem of filtering the unwanted LSB.

I've talked on the air with several hams that seem pretty positive that  
it is no more possible to find SSB Xtal filters in France.

Does someone have any clue regarding a possible US source for these ?  
What I'd like to find out is a 10.7003 to 10.703 Xtal Filter, with at least  
60 dB at 10.6997 MHz. But a 9 MHz look-alike filter (or any IF) would  
fit also.

Thanks !

Vince, Fox 1 Romeo Charly Sierra

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Date: Wed, 25 May 1994 13:18:25 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!EU.net!relay.puug.pt!  
news.inesc.pt!animal.inescn.pt!ciup2.ncc.up.pt!news.ci.ua.pt!  
etjfonte@network.ucsd.edu  
Subject: US QSL MANAGERS  
To: info-hams@ucsd.edu

Does anyone have the adress for this US QSL managers :

W8CZN  
WA4JTK  
K8PYD  
WA1ECA  
W0IIM  
KU9C

some are managers not all.TNX for reading and best 73's ... good dx'ing

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|-----|  
| Jose' Miguel M.B.Fonte | Universidade de Aveiro - PORTUGAL |  
| | Departamento de Electronica e Telecom. |  
| E-mail : etjfonte@ci.ua.pt |-----|  
| | Ham callsign : CT1ENQ "always QRV" |  
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Date: Wed, 25 May 1994 19:10:27 GMT  
From: ihnp4.ucsd.edu!pacbell.com!uop!csus.edu!netcom.com!greg@network.ucsd.edu

To: info-hams@ucsd.edu

References <1994May23.202758.2452@newsgate.sps.mot.com>,  
<slayCqBHEJ.5Kx@netcom.com>, <CqBw41.E9F@news.Hawaii.Edu>fl  
Subject : Re: Test session wierdos

In article <CqBw41.E9F@news.Hawaii.Edu> jherman@uhunix3.uhcc.Hawaii.Edu (Jeffrey Herman) writes:

>I'm glad this story had a happy ending!  
>

>But Sandy, that paper had to be graded the same whether a 20 year old or  
>an 80 year old wrote it, so I see no basis for even thinking about an  
>age-discrimination lawsuit. You're taking the place of the government's  
>FCC examiner (remember sitting in front of him? Scary, huh?), so you have  
>to be objective until it hurts.

Horse-hockey.

Handwriting is a subjective matter, and when deciding whether to give someone the benefit of the doubt, age and infirmity *\*do\** come into it. You have to look at what it will hurt to give him the benefit of the doubt about the penmanship of a single letter. The worst result is that an octogenarian might get his Extra a little sooner; he's already demonstrated that he's qualified to be an Advanced.

On the other hand, by failing to give him the benefit of the doubt, you might deprive him of this joy forever.

If you *\*are\** to be a representative of the government, then having a little consideration for the good of society in an area where you have discretion goes with the job.

Otherwise, we'd might as well leave it in the hands of the two-bit bureaucrats.

Greg

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End of Info-Hams Digest V94 #575  
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